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Reconciliation of Chinese Communist Cotton Crop Figures with Setimetes of Jose of Cotton

the In the course of a study us are making of arres e Chinese Communist cotton textile industry; we here to phisocile official disease couton drop flation with the mestade fortion used by industry, handlarare subjet, and absorbide; the then thorteges of raw obtton are country the thinese botton tentile industry to operate originarily below ordenity? with remulaing widespread unemployment, a originary or of erup figures and identified uses above, unexpectedly, over 200, XO metric tone of obtten abt abcounted for. The attached table shows these comparisons for 1992-38. A mainer of different mounting those of segmentions have been tested, but all abov the same surprising result: that in 1956-1958 cotton svallable minus cotton used gives an annual residual about 200,000 tone greater than the residuals in 1954 and 1955. It there were a consistently large merchal for all these years; then a ready applacation would probably be available, in the form of dither in unidentified basic use in the Chinese econday of an indonvest bonvirsion factor: However, what is needed in the present case is in explanation of day residuals for 1956-58 are so high relative to residuals in 1954 and 1955.

high residual or 1976-30:

a. Hyphthesis No. 1: The error figures for 1901-1907 forty: there is a one-year led between the grop and its also dress overstated by about 15%, because of changes is the bests of calbulating salidates falsification, or other mass. Strong supply for this sypothesis is given by the amount ensents of state proparates of systems, which show 345,000 tons of the 1930 obtton know remaining is producers' hands in 1937 at a time them state sills are short of solution; if the producers actually were in possession of 345,000 tons, they wouldn't the government simply step is and procure additional accounts.

dr other user has greatly stepped up its use of eather in 1995 and 1997 Unfortunately for this hypothesis, the two most logical bandidates for "Industry I", the munitique and reyon industries, are

very small in relation to the smoother it cotton involved, and are needs of cotton linters (a lyproduct of the ginning process) rather than gimes cotton itself.

- now being exported to the Soviet busine.
- stoneming sarge security of courses. This appreciate in placed somewhat in doubt by the evidences of current severe shorteges in the textile industry:
- so Hypothesis No. 5: The rightes in the table do not secretarily give a reliable year-by-year estimate of the residual because of the many assumptions and Loyed, such as the samuetion that last year's anop is to be made of in the current year's supply of raw materials.
- 3. This problem of rectnetiling area figures with estimates of contents of content used is considered in State, CIR. IR-723, 5 June 57, Chimese Communist Option Production. C. Although the calculations in 18-7523 are not so detailed as those used in preparing the table. It is table to page attached to this memorandum, the last column in the table on page of IR-7523 skyws the same pattern of vary high residuals for 1956 and 1957 contrasted to low residuals in 1954 and 1955, as follows:

1953	•	Ed Joon	KT.
1955 1956		30,000	加加
1957		190,000	KI

enthor of the report is inclined to accept the hypothesis that the unexplained residuals are caused? In overestimating by 16-15 unexplained residuals are caused? In overestimating by 16-15 percent of the crop for 1952 and subsequent years. It would seem, however, that this hypothesis want of more satisfactory if the however, that this hypothesis want of more satisfactory if the overestimating was assumed to have coursed only for the last two overestimating was assumed to have coursed only for the last two overestimating was assumed to have coursed only for the last two overestimating the internal pattern of the residuals that is difficult to explain, specifically the huge residuals of 1976 and 1957 at a time of professed shorts.

Ber, Communier Lina,

					, m N	ies
	(1)	(4)	(3)	(4)	(5)	(6)
1952	133رڼ	723	152	45	200 0 0	13
1953	1,327	arc	134	46	204	133
1954	2,7300	∞;	120	47	208	-56
1955	1,131	774	106	48	57.5	-9
1956	1,553	1,024	95	149	516 ·	259
1957	1,465	904	85	50	221	205
1058	1,100*	. તાર	75	51	225	230

- (3 M(I)

- (1) Cotton erop of preceding year this imports of current years
- (2) Use for factory-produced year yield of years from ginned cotton teken as 30.76 = 1952, 92.65 in 1954, and 93.0% thereafter).
- (3) Use for matter farm (some plot ! factors as in Colomn (2)).
- (4) Use for urban padding (assume. '& increase with population)
- (5) Use for more, panding and how a minning (assumed to increase with population).
- (6) Resider.

" Ho setimate for imports accluded in this figure

Compression